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App	licat	ion/(Conf	rol	No	
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Beisner, William H

10617130

Examiner

Applicant(s)/Patent Under Reexamination

OWEN ET AL.

Art Unit

✓	Rejected	-
=	Allowed	÷

-	Cancelled
÷	Restricted

N	Non-Elected
ı	Interference

Α	Appeal
0	Objected

CL	AIM					DATE			
Final	Original	09/05/2006	07/08/2007	01/22/2008	10/14/2008	04/07/2009	02/16/2010	1	Т
	1			-	-	-	-		
	2		-	-	-	-	-		
	3		-	-	-	-	-		
	4	-		-	-	-	-	-	
	5	-	-	-	-	-	-	1	
	6	-	-	-	-	-	-		
	7	-	-	-	-	-	-		
	8	-	-	-	-	-	-		
	9	-	-	-	-	-	-		
	10	-		-	-	-	-		
	11	-		-	-	-	-		
	12		-	-	-	-			
	13	-	-	-	-	-			
	14		-	-	-	-			
	15		-	-	-	-			
	16		-	-	-	-			Т
	17	-		-	-	-	-		
	18	-	-	-	-	-	-		
	19	-		-	-	-	-		
	20	-		-	-	-	-		
	21	-	-	-	-	-	-		
	22	-	-	-	-	-	-		
	23	-	-	-	-	-	-		
	24	-	-	-	-	-	-		
	25	-	-	-	-	-	-		
	26		-	-	-	-	-		
	27	-	-	-	-	-	-		
	28	-	-	-	-	-	-		
	29	-	-	-	-	-	-		
	30	-	-	-	-	-	-	1	
	31	-	-	-	-	-	-	1	
	32	-	-	-	-	-	-		
	33	-	-	-	-	-	-		
	34	-	-	-	-	-	-		
	35		-	-	-	-	-		



App	licatio	on/Co	ontro	l No	١.
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Beisner, William H

10617130

Examiner

Applicant(s)/Patent Under Reexamination

OWEN ET AL.

Art Unit

~	Rejected	-	Cancelled	N	Non-Elected	Α	Appeal
=	Allowed	÷	Restricted	1	Interference	0	Objected

CLA	MIA		DATE								
Final	Original	09/05/2006	07/08/2007	01/22/2008	10/14/2008	04/07/2009	02/16/2010				
	37	-		-		-	-				
	38	-		-		-	-				
	39	-		-		-	-				
	40	-		-		-	-				
	41	-	-	-	-	-					
	42	-	-	-	-	-					
	43	-		-	-	-					
	44	-		-		-	-				
	45	-		-		-	-				
	46	-		-	-	-	-				
	47	-				-	-				
	48	-		-		-	-				
	49	-		-		-	-				
	50	-		-		-	-				
	51	-		-		-	-				
	52	-	-	-		-	-				
	53	-			-	-	-				
	54	-		-	-	-	-				
	55	-				-	-				
	56	-				-	-				
	57	-				-	-				
	58	-					-				
	59	-				-	-				
	60	-		-	-	-	-				
	61	-		-	-	-	-				
	62	-	-	-	-	-	-				
	63	-		-		-	-				
	64	-		-		-	-				
	65	-		-		-	-				
	66	-		-	-	-	-				
	67	-		-	-	-	-				
	68	-	-	-	-	-	-				
	69	-		-	-	-	-				
	70	-		-	-	-	-				
	71			-		-	-		\neg		

App	lica	tion	Con	tro	N	0.
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10617130

Applicant(s)/Patent Under Reexamination OWEN ET AL.

10017130

Art Unit

Examiner

Beisner, William H

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
1	Interference

Α	Appeal
0	Objected

CL	AIM	M DATE								
Final	Original	09/05/2006	07/08/2007	01/22/2008	10/14/2008	04/07/2009	02/16/2010			
	73	-	-	-	-	-	-			
	74	-	-	-	-	-	-			
	75	-	-	-		-	-			
	76	-	-	-		-	-			
	77	-	-	-	-	-				
	78	-	-	-	-	-				
	79	-	-	-	-	-				
	80	-	-	-	-	-	-			
	81	-	-	-	-	-	-			
	82	-	-	-	-	-	-			
	83	-	-		-	-	-			
	84	-	-		-	-	-			
	85	-	-	-		-	-			
	86	-	-	-		-	-			
	87	-	-	-		-	-			
	88	-	-	-	-	-	-			
	89	-	-		-	-	-			
	90	-	-	-	-	-	-			
	91	-	-		-	-	-			
	92	-	-			-	-			
	93	-	-			-	-			
	94	-	-		-	-	-			
	95	-	-		-	-	-			
	96	-	-	-	-	-	-			
	97	-	-	-	-	-	-			
	98	-	-		-	-	-			
	99	-				-	-			
	100	-	-		-	-	-			
	101	-	-		-	-	-			
	102	-	-		-	-	-			
	103	-	-		-	-	-			
	104	-	-	-	-	-	-			
	105	-	-	-	-	-	-			
	106	-	-	-	-	-	-			
	107	-	-		-	-	-			
	108	-	-		-	-	-			

Арр	licat	ion/C	Contr	ol I	Nο
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10617130

Applicant(s)/Patent Under Reexamination

OWEN ET AL.

Examiner

Beisner, William H

Art Unit

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
1	Interference

Α	Appeal
0	Objected

Final	Original 109 110 111	-	07/08/2007						
	110			01/22/2008	10/14/2008	04/07/2009	02/16/2010		
			-	-		-	-		
	111	-		-		-	-		
		-		-		-	-		
	112	-		-		-	-		
	113	-	-	-	-	-			
	114	-	-	-	-	-			
	115	-	-	-	-	-	-		
	116	-		-		-	-		
	117	-		-		-	-		
	118	-		-	-	-	-		
	119	-		-		-	-		
	120	-		-		-	-		
	121	-		-		-	-		
	122	-		-		-	-		
	123	-		-		-	-		
	124	-	-	-		-	-		
	125	-		-	-	-	-		
	126	-	-	-	-	-	-		
	127	-		-		-	-		
	128	-		-		-	-		
	129	-		-	-	-	-		
	130	-		-		-	-		
	131	-		-		-	-		
	132	-	-	-	-	-	-		
	133	-	-	-	-	-	-		
	134	-	-	-	-	-	-		
	135	-		-		-	-		
	136	-		-		-	-		
	137	-		-		-	-		
	138	-		-	-	-	-		
	139	-		-	-	-	-		
	140	-	-	-	-	-	-		
	141	-		-	-	-	-		
	142	-		-	-	-	-		
	143	-		-		-	-		



App	licatio	on/Co	ontro	l No	١.
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Beisner, William H

10617130

Examiner

Applicant(s)/Patent Under Reexamination

OWEN ET AL.

Art Unit

Rejected
Allowed
Restricted
N Non-Elected
I Interference
A Appeal
O Objected

CL	AIM	DATE								
Final	Original	09/05/2006	07/08/2007	01/22/2008	10/14/2008	04/07/2009	02/16/2010			
	145	-	-	-	-	-			1	
	146		-	-	-	-	-			
	147	-	-	-	-	-	-			
	148	-	-	-	-	-	-			
	149	-	-	-	-	-				
	150	-	-	-	-	-	-			
	151	-	-	-	-	-	-			
	152	-	-	-	-	-	-			
	153	-	-	-	-	-	-			
	154	-	-	-	-	-	-			
	155	-	-	-		-	-			
	156	-	-	-	-	-	-			
	157	-	-	-	-	-	-			
	158	-	-	-	-	-	-			
	159	-	-	-	-	-	-			
	160	-	-	-	-	-	-			
	161	-	-	-	-	-	-			
	162	-	-	-	-	-	-			
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	164	-	-	-	-	-	-			
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	167	-	-	-	-	-			1	
	168	-	-	-	-	-	-			
	169	-	-	-	-	-	-			
	170	-	-	-	-	-	-			
	171	-	-				-			
	172	-	-			-	-			
	173	-	-	-		-	-			
	174	-	-	-	-	-	-			
	175	-	-	-	-	-	-			
	176	-	-	-	-	-	-			
	177	-	-	-	-	-	-			
	178	-	-	-	-	-	-			
	179	-	-	-	-	-	-			
	180		_		-					1

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App	licat	ion/(Conf	rol	No	
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10617130

Applicant(s)/Patent Under Reexamination OWEN ET AL.

0017130

Beisner, William H

Art Unit

Examiner

~	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
1	Interference

Α	Appeal
0	Objected

CL	AIM	1				DATE			
Final	Original	09/05/2006	07/08/2007	01/22/2008	10/14/2008	04/07/2009	02/16/2010	1	
	181		-	-	-	-	-		
	182	-	-	-	-	-	-		
	183	-	-	-	-	-	-		
	184	-	-	-	-	-	-		
	185	-	-	-	-	-	-		
	186	-	-	-	-	-	-		
	187	-	-	-	-	-	-		
	188	-	-	-	-	-	-		
	189	-	-	-	-	-	-		
	190	-	-	-	-	-	-		
	191	-	-	-	-	-	-		
	192	-	-	-	-	-	-		
	193	-	-	-	-	-	-		
	194	-	-	-	-	-	-	1	
	195	-	-	-	-	-	-		
	196	-	-	-	-	-	-		
	197	-	-	-	-	-	-		
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	201	-	-	-	-	-	-		
	202	-	-	-	-	-	-		
	203	-	-	-	-	-	-		
	204	-	-	-	-	-	-		
	205	-	-	-	-	-	-		
	206	-	-	-	-	-	-		
	207	-	-	-	-	-	-		
	208	-	-	-	-	-	-		
	209	-	-	-	-	-	-		
	210	-	-	-	-	-	-		
	211	-	-	-	-	-	-		
	212	-	-	-	-	-	-		
	213	-	-	-	-	-	-		
	214	-	-	-	-	-	-		
	215	-	-	-		-	-		



Appl	lica	tion/	Con	trol	N	٥.

10617130

Applicant(s)/Patent Under Reexamination OWEN ET AL.

Art Unit

Examiner

Beisner, William H

~	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
1	Interference

Α	Appeal
0	Objected

CLA	AIM		DATE									
Final	Original	09/05/2006	07/08/2007	01/22/2008	10/14/2008	04/07/2009	02/16/2010				\top	
	217		-	-		-	-				+	
	218		-	-	-	-	-				+	
	219	-	-	-	-	-	-				+-	
	220		-	-	-	-	-				+-	
	221		-	-	-	-	-				\top	
	222		-	-	-	-	-				\top	
	223		-	-	-	-	-				\top	
	224	-	-	-	-	-	-				\top	
	225	+	-	-	-	-	-				\top	
	226	+	-	-	-	-	-				+	
	227	+	-	-	-	-	-				\top	
	228	+	1	1	/	~	-				\top	
	229	+	/	/	/	/	=				\top	
	230	+	/	/	/	/	=				\top	
	231	+	/	/	/	/	=				\top	
	232	+	/	/	/	/	=				\top	
	233	+	/	/	/	/	=				\top	
	234	+	·	/	/	·	=				\top	
	235	+	·	/	_	/	-				\top	
	236	+	-	-	-	-	-				\top	
	237	+	-	-	-	-	-				\top	
	238	+	-	-	-	-	-				\top	
	239	+	-	-	-	-	-				\top	
	240	+	-	-	-	-	-				\top	
	241	+	-	-	-	-	-				\top	
	242	+	-	-		-	-				\top	
	243	+										
	244	+	·	1	·	·	-				\top	
	245		-	1	-	1	-				\top	
	246		1	1	1	1	=				\top	
	247	+	1	1	1	/	-				\top	
	248	+	1	1	1	/	-				\top	
	249	+	1	1	/	·	=				1	
	250	+	1	/	/	·	=				1	
	251	+	1	1	1	·	-				1	



Appl	licat	ion/C	ontr	rol N	10
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10617130

OWEN ET AL.

Applicant(s)/Patent Under Reexamination

Examiner

Art Unit

Beisner, William H

1	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
ı	Interference

Α	Appeal
0	Objected

CL	AIM	İ	DATE								
Final	Original	09/05/2006	07/08/2007	01/22/2008	10/14/2008	04/07/2009	02/16/2010		1		
	253	+	✓	1	·	✓	=				
	254	+	✓	1	·	1	-				
	255	+	·	1	·	V	=				
	256	+	·	1	·	V	=				
	257	+	1	1	·	✓	-				
	258	+	1	1	1	V	-				
	259	+	1	1	·	✓	=				
	260	+	1	·	·	√	=				
	261	+	✓	·	·	✓	-				
	262	+	*	1	✓	√	=				
	263	+	*	V	✓	√	-				
	264	+	~	V	✓	✓	-				
	265	+	*	1	✓	✓	-				
	266	+	*	1	✓	✓	-				
	267	+	*	1	✓	✓	-				
	268	+	*	1	✓	✓	-				
	269	+	*	V	✓	✓	=				
	270	+	*	V	✓	✓	=				
	271	+	~	4	✓	✓	=				
	272		~	·	-	-	-				
	273		✓	1	-	-	-				
	274		·	1	·	·	=				
	275		✓	·	·	·	=				
	276			·	·	·	=				
	277			·	·	·	=				
	278			·	·	·	=		_		
	279			· ·	·	✓	=				
	280			✓	· ·	✓	=				
	281			1	1	✓	=				
	282						=				
	283						=				
	284						=				
	285						=				
	286						N				
	287						N				

Application/Control No.

10617130

Applicant(s)/Patent Under Reexamination OWEN ET AL.

OWENEIA

Examiner

Art Unit

Beisner, William H

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
1	Interference

Α	Appeal
0	Objected

☐ Claims renumbered in the same order as presented by applicant								□ т.с	D. 🗆	R.1.47	
CLAIM		DATE									
Final	Original	09/05/2006	07/08/2007	01/22/2008	10/14/2008	04/07/2009	02/16/2010				
	289						N				
	290						N				
	291						N				
	292						N				